Ferraiolo Corp
U.S. Route #202
Monmouth, Me. 04259

1.0 STORM WATER POLLUTION PREVENTION PLAN (SWPPP) OVERVIEW

This Storm Water Pollution Prevention Plan:

- ☒ identifies the SWPPP coordinator with a description of the coordinator's duties;
- ☒ identifies members of the SWPPP team and lists their responsibilities;
- ☒ describes the facility, with information on location and activities, a site map, and a description of the storm water drainage system;
- ☒ identifies potential storm water contaminants;
- ☒ describes storm water management controls and various Best Management Practices (BMP's) needed to reduce pollutants in storm water discharges;
- ☒ describes the facility's monitoring plant; and,
- ☒ describes the implementation schedule and provisions for amendment of the plan

2.0 PLANNING AND ORGANIZATION

2.1 SWPP Coordinator and Team

This is the member roster and list of responsibilities for the pollution prevention team. The team is responsible for implementing the Storm Water Pollution Prevention Plan.

Leaders: Paul Sullivan, Concrete Supervisor Office phone: 582-6162
William Crosby, Technical Services

Responsibilities:
Coordinate all stages of plan development, inspections and implementation; coordinate employee training programs; keep all records and ensure that reports are submitted; oversee sampling program.

Member: Dean Brann, Plant Manager
Office phone: 933-4050

Responsibilities:
Implement the preventive maintenance program; oversee good housekeeping activities; serves as spill response coordinator.

Member: George Nason, Asst Plant Mngr. Office phone: 933-4050

Responsibilities:
Conduct/assist with inspections and training program; conduct sampling program.

3.0 ASSESSMENT

3.1 General Description:

Ferraiolo Corp (Monmouth site) is located on U.S. Route #202, Monmouth, Me.
The site map (Attachment I) shows the location of the facility. The facility
has two buildings - a concrete redi-mix plant,and a storage building.
Currently there are eight concrete trucks, one loader and one pickup truck at this site.
There is also fueling station at this location.
Vehicles and equipment are washed in an area that drains into the pond on site.
Wash water is recycled in a concrete pond.

3.2 Attachment I - site map

3.3 Significant Material Inventory
Material used by this facility and activities that are exposed to storm water runoff are listed in Attachment II.

3.4 Vehicle wash water and wastewater
Vehicle washing takes place outdoors in a designated area. Wash water runs off as sheet flow to an onsite pond. Ponds are dredged as needed and water is reused to wash aggregates and/or mixers. We do not steam clean on site.

3.5 All Chemicals used in the manufactureringof concrete are to be inclosed in a 40' x 10' building and set in a concrete enclosure. If not feasable, in the of spring 2006 all tanks will be inclosed with concrete dykes.

3.6 Attachment III is a list of significant spills or chronic leaks that have occurred at the facility in the past three years.

3.7 Testing and evaluation of non-storm water discharges.

3.8 All allowable non-storm water discharge are identified on the site map

3.9 Ferraiolo Corp has no historical monitoring data at this time.

3.10 The following areas are potential sources of contaminations:
Vehicle washing - Residue on the ground from washing vehicles may contaminate storm water.

Equipment washing - Residue on the ground from equipment washing could contaminate storm water.

3.11 Proposed description of changes to comply with MSGP

Corrective action to be taken by Ferriaolo Corp.

On the west side of the plant near the stream , a berm will be built, Silt fencing will be installed, and the elavation of the land will be pitched toward the plant.

The sloped area next to the concrete area around the plant will be leveled with gravel and graded to minimize runoff.

Easterly from the plant, all waste concrete will be deposited in strips and broken up for structural fill.

A Detention pond will be contructed to catch all runoff water from the north and east sides of the property.

The east side of the property will be graded up and leveled up also to pitch water runoff towards the new detention pond that will be constructed by Ferriaolo Construction.

The southwestern detention pond will be dredged out as needed connected to another detention pond near by.

4.0 IMPLEMENTATION

4.1 Good Housekeeping

The following is a list of good housekeeping practices followed at this facility.

- ⇨ Washing of equipment and/or vehicles is done in designated areas that allow complete drainage to occur into holding pond. The water from the pond is recycled by either the washing plant on site or used in the concrete truck's holding tanks. Pond is dredged as needed and we do not allow spillover.
- ⇨ All fluid products and waste are kept in a storage building, excluding concrete accelerators.
- ⇨ Waste oil stored in drums outside are kept sealed except when filling.
- ⇨ Used antifreeze is kept in a covered container. All changing of fluids is done in the maintenance garage.
- ⇨ There will be a 1,000 gallon holding tank connected to the gargage drain, which will be supplied by Ferraiolo Concrete.
- ⇨ The grease changing station will be changed or eliminated.
- ⇨ Spigots and funnels are used to minimize drips and/or leaks.
- ⇨ Drip pans are used when changing fluids.
- ⇨ All above ground tanks have secondary containment.
- ⇨ Spills are immediately cleaned up with an absorbent - (see spill prevention in response procedures in section 4.7)

4.2 Preventive Maintenance

The following is a list of preventive maintenance procedures practiced at this facility:

- ⇨ All Staff are aware of spill prevention and response procedures
- ⇨ Spill response equipment is located at all potential spill areas.
- ⇨ All transfers to and from the tank are observed by qualified personnel trained in spill response procedures
- ⇨ Catch basins and sediment chambers are checked and cleaned as needed.
- ⇨ Drainage swales are kept clean.
- ⇨ Settling basins are cleaned out as necessary
- ⇨ Hydraulic equipment is kept in good repair to prevent leaks.
- ⇨ Outdoor drum and storage tank containment areas are checked for leaks.
- ⇨ Uncontaminated storm water in containment areas is kept to a minimum.

The following is a list of preventive maintenance measures that will be implemented within 30 days.

- ⇨ This facility will have a written spill prevention and response policy
- ⇨ We will begin regular inspections of the fueling area for signs of spills or leaks and proper labeling. Hoses and fittings will also be regularly inspected.
- ⇨ Begin regular inspections of above ground storage tanks for signs of corrosion or leaks.
- ⇨ All materials, waste storage areas, drains, tanks and cans will be properly
- ⇨ labeled.

4.3

Best Management Practices (BMP's)

The following is a list of existing and planned Best Management Practices. When implemented, the BMP's will prevent or reduce the discharge of potential pollutants in storm water runoff:

Loading and unloading areas.
To prevent or reduce the potential of storm water contamination in the loading and unloading areas, the following BMP's will be implemented:

- ⇨ Loading and unloading are done inside where possible.
- ⇨ Hazardous materials that are in easily ripped or breakable containers (such as bags, plastic pails) are not loaded or unloaded outside when it rains.
- ⇨ A staff member is present during loading and unloading operations.
- ⇨ Within 30 days, an emergency spill kit will be placed in the loading/unloading area.
- ⇨ Diesel fuel tank. This above ground tank has secondary containment capable of holding the entire contents of the tank.
- ⇨ Scrap metal. All scrap metal is cleaned of hazardous materials prior to storage on the scrap metal pile. Salvage vehicles have fluids removed prior to storage.
- ⇨ Dumpster lid is closed except when in use.

4.4

Sediment and Erosion Control

Below is a list of potential erosion areas and measures to prevent erosion:

- ⇨ Potential source of erosion: Slopes of access road and perimeter of the site.
- ⇨ Management practices to prevent erosion: Seed unvegatated areas and stabilize sloped areas.
- ⇨ Potential source of erosion: Most of the yard is sand and gravel.
- ⇨ Management practices to prevent erosion: Have rip-rap and sediment trap at storm water discharge points.

4.5

Management of Storm Water runoff

The following management practices for runoff are used at this facility:

- ⇨ Runoff from the site goes to detention or retention ponds.
- ⇨ Impervious areas have no curbs in order to encourage sheet flow runoff to vegatative areas.

4.6

Spill Prevention and Response

- ⇨ Spill response equipment is located at the maintenance garage and concrete batch plant and includes absorbent pads and speedi-dri.
- ⇨ The pollution prevention team leader or the spill coordinator will be advised immediately of all spills of hazardous materials or regulated materials, regardless of quantity.
- ⇨ Spills will be evaluated to determine the necessary response. If there is a health hazard, fire or explosion potential, 911 will be called. If a spill is large or threatens surface waters, including storm drains, state or federal emergency response agencies will be called.
- ⇨ Spills will be contained as close to the source as possible with a dike of absorbent materials from the emergency spill kit. Additional dikes will be constructed to protect swales or other storm water conveyances of streams. A cover or dike will protect any other storm water structures such as catch basins.

4.7

Employee Training

The topics below will be covered at employee training sessions. All employees will be trained annually.

- ⇨ Spills and leak prevention - Erosion control - Truck and Equipment washing - Loading/unloading drums, cargo, etc. - Mixing/Loading of salt and sand and any other topics which may be pertinent..

Pollution prevention team members will meet at least twice a year to discuss the effectiveness of and improvements to the Plan.

5.0 EVALUATION

5.1 Quarterly Visual Monitoring:

- ⇨ Every quarter we will visually inspect the storm water outfalls at our facility. The visual examination will be made during daylight hours. We will document observed contamination/problems with date and time, determine the source of contamination and take action to eliminate it.

5.2 Annual site Inspections:

Comprehensive Site Compliance Evaluation

- ⇨ We will inspect our entire facility at least once a year for evidence of pollution, evaluate BMP's that have been implemented, and inspect equipment. The site inspection report will include date of inspection, name or personnel conducting the inspection, observations, assessment of BMP's, corrective actions taken, and a signed certification.

5.3 Recordkeeping and Reporting

Records described in the SWPPP will be retained on site for 5 years from the date of the cover letter that notifies this facility of coverage under the storm water permit. These records will be made available to state or federal inspectors upon request. Additionally, employee training records shall also be maintained.

5.4 Plan Revisions

If this facility expands its operations, or changes any significant material handling or storage practices which could impact storm water, this SWPPP will be amended. The amended Plan will describe the new activities that contribute to increased pollution and planned control measures.

This plan will also be amended if a state or federal inspector determines that it is not effective in controlling storm water pollutants discharged to waterways.

6.0 CERTIFICATIONS

This page includes certifications for our Non-Storm Water Discharges and our Storm Water Pollution Prevention Plan.

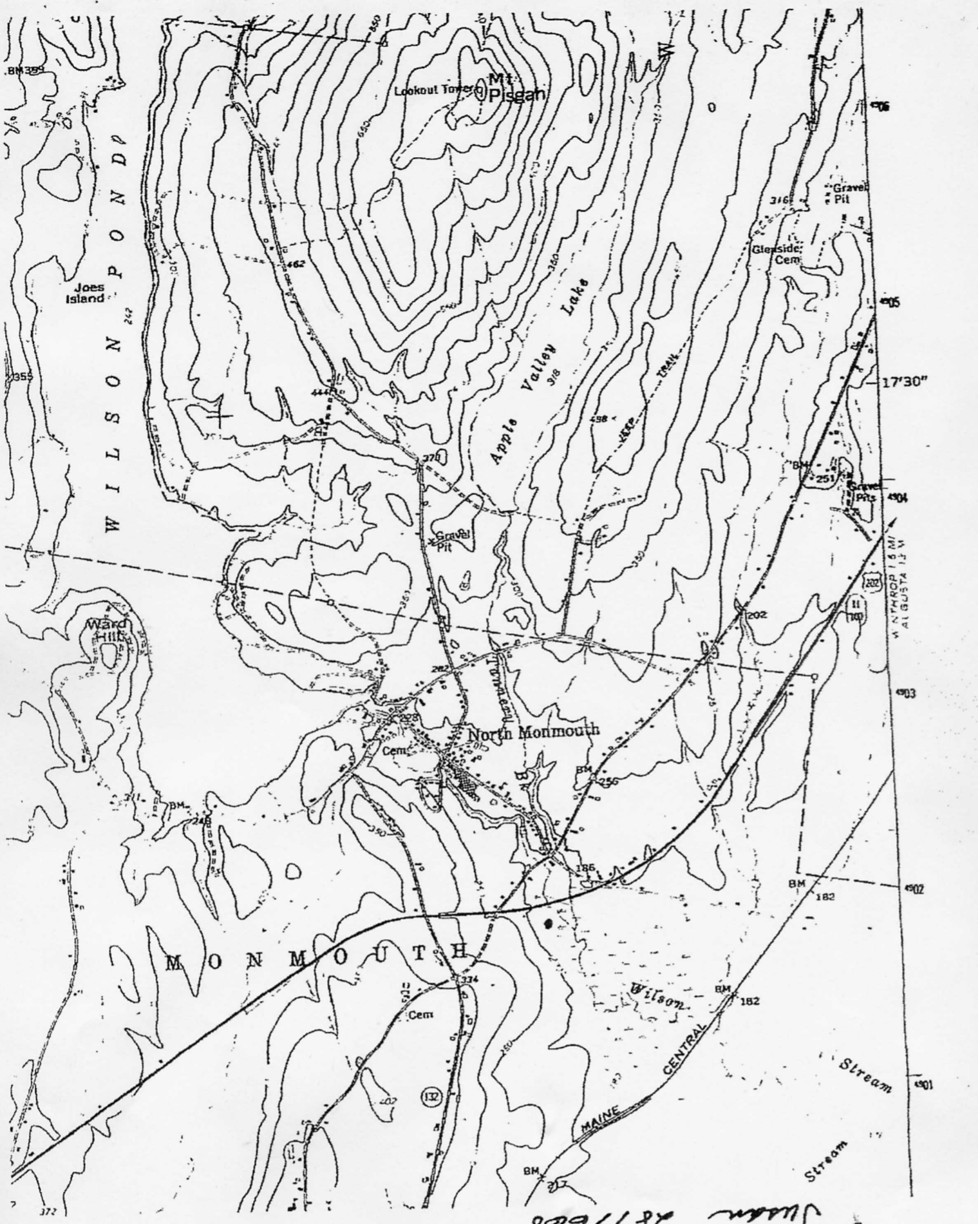
Non-Storm Water Discharges: All storm water outfalls to surface waters at this facility have been evaluated and found to be free of non-storm water discharges.

Storm Water Pollution Prevention Plan: This Storm Water Pollution Prevention Plan has been prepared in accordance with good engineering practices. Qualified personnel properly gathered and evaluated information submitted for this Plan. The information in this Plan, to the best of my knowledge, is accurate and complete.

_____
Name

_____
Title

_____
Date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WILSON POND
Joes Island
Apple Valley Lake
Gravel Pit
Glenside Cem
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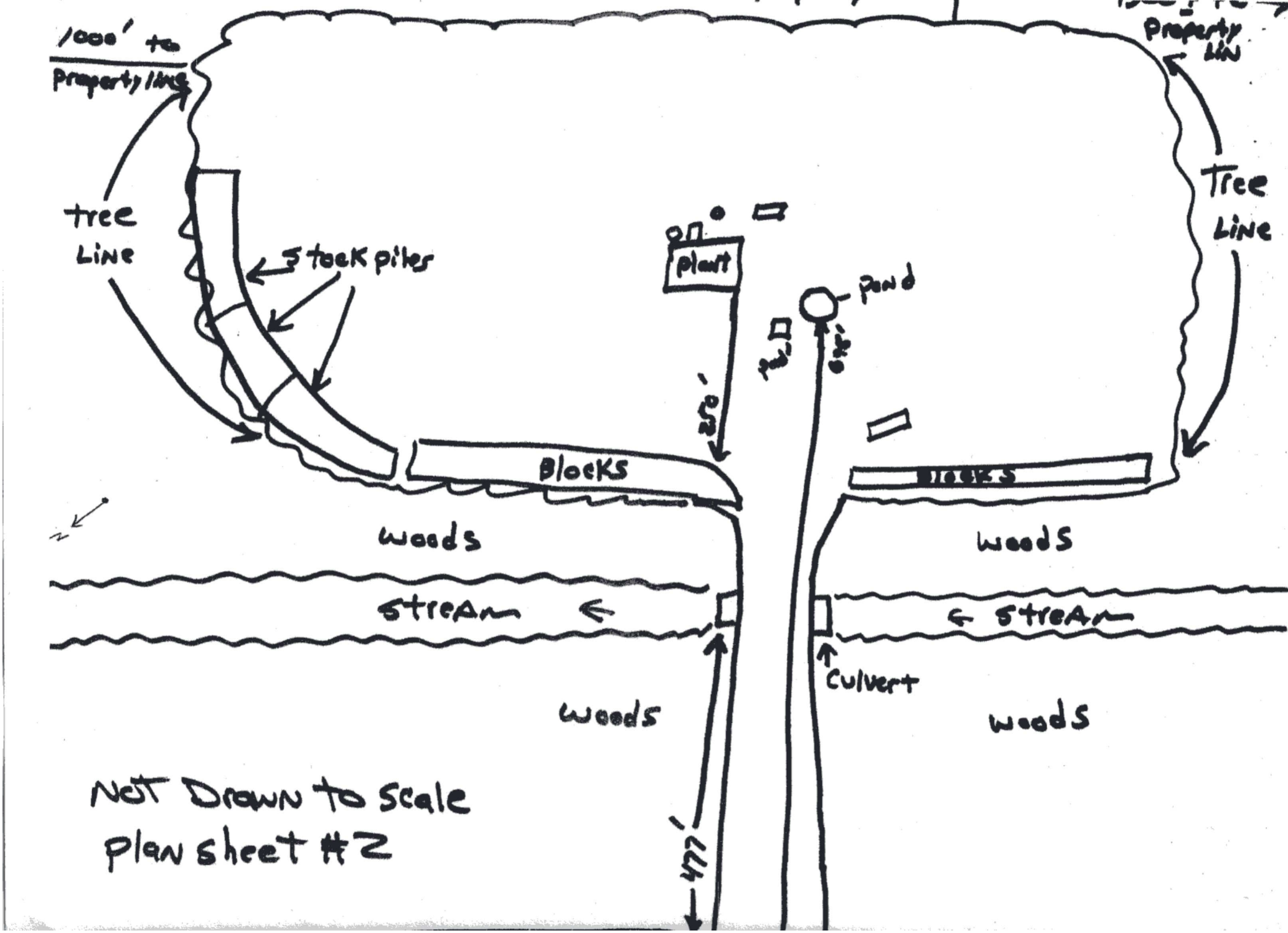
North Monmouth
Cem
MONMOUTH
Wilson Stream
MAINE CENTRAL
Stream
WINTHROP 1.5 MI
AUGUSTA 12 MI


1000' to property line
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5 stock piles
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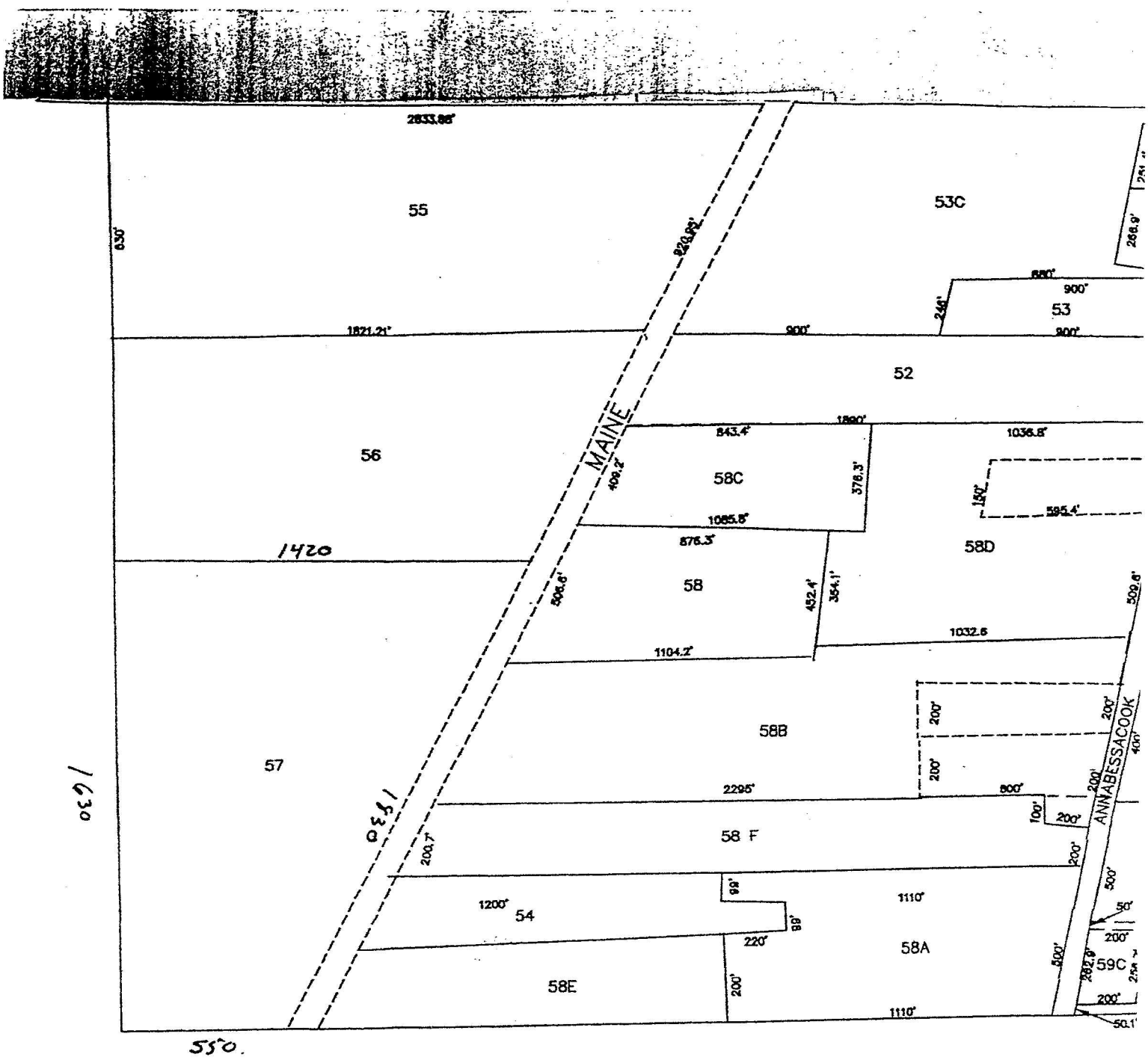
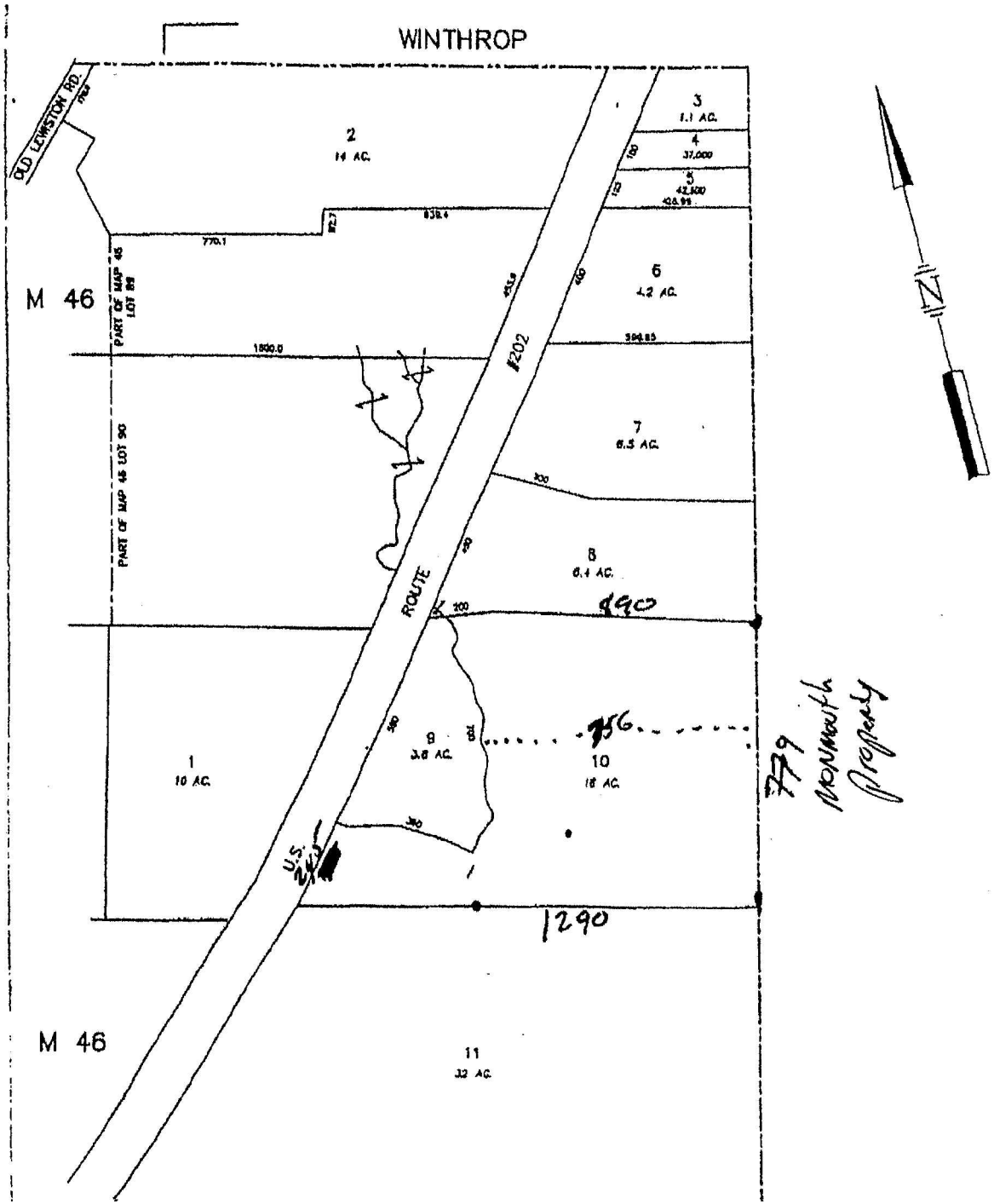
477'



LEGEND

RCEL NUMBERS ---------- 1
IACENT MAPS ---------- 2
TCH LINE ----------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3
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4
37,000
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6
4.2 AC.
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6.5 AC.
8
6.4 AC.
9
3.8 AC.
10
18 AC.
1
10 AC.
11
32 AC.
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PART OF MAP 46 LOT 90
ROUTE 202
U.S.
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Monmouth
Property
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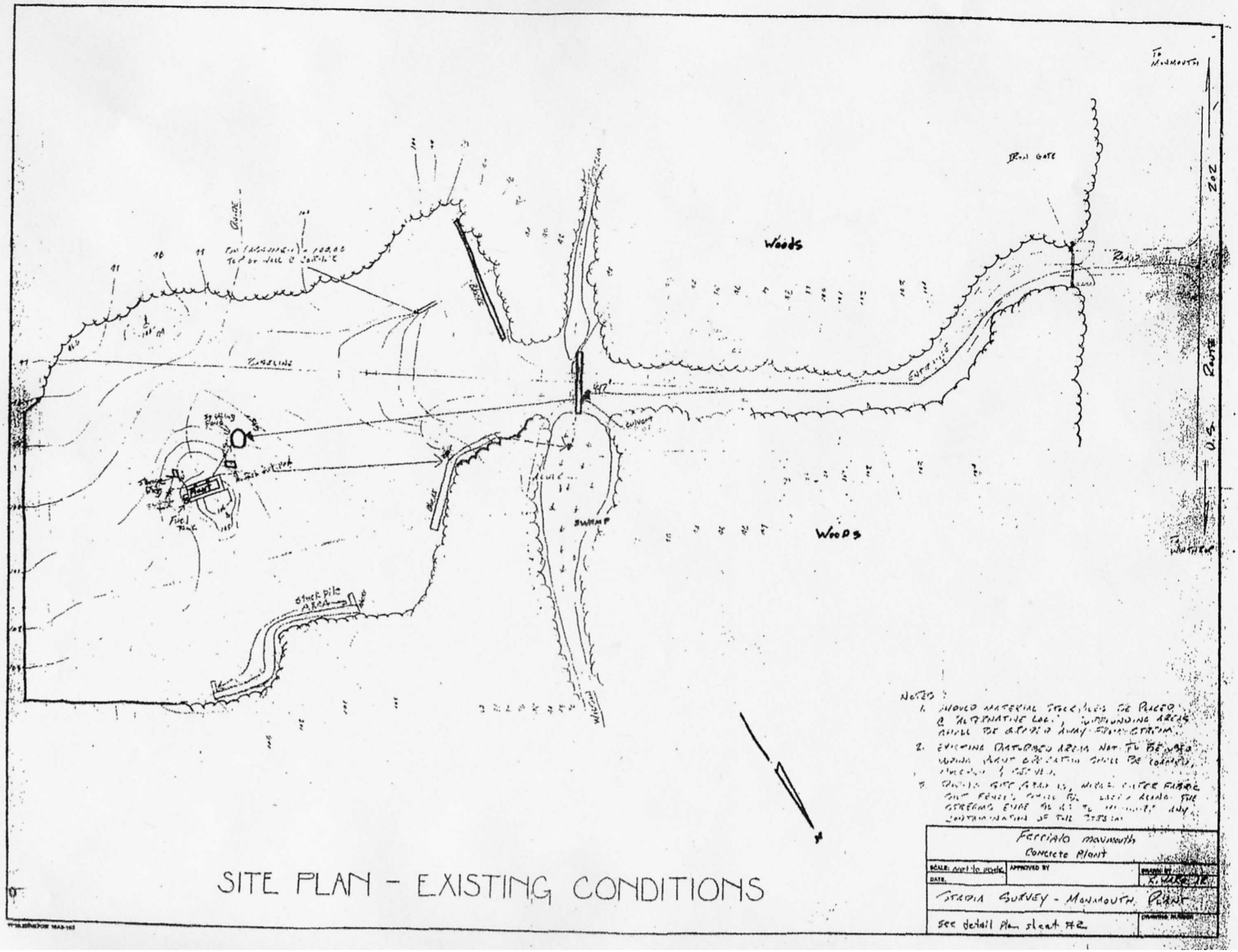

SITE PLAN - EXISTING CONDITIONS